REMARKS

We would like to thank the Examiner for telephone interviews in which the cited prior art and possible changes to the claims were discussed. In response to the interviews, we have amended the independent claims to more particularly point out the type of non-basic, or second set of, functions that may be selected in accordance with user input. For convenience, we have replaced the claim set with the amended claims. As discussed in prior responses, the current invention allows a user to control complex functions of an appliance without requiring the use of optical scanners or bar code readers to provide special codes, without the user having to program the appliance, and/or without requiring a more complex control panel on the appliance.

The non-basic functions of, for example, an oven, include controlling the configuration of the heating elements and/or the selection of the type of heating sub-system, i.e., microwave, gas and so forth. The user supplies information that controls the configurations or selections for an entire cooking operation or for selected cycles of an operation. The appliance then operates using the second set of functions in accordance with the user-supplied information. The second set of functions is stored in a given section of memory, while the basic functions of the appliance, which can be controlled from the appliance control panel, are stored in another section of memory. Thus, the appliance operates in a conventional manner when controlled using the control panel.

As discussed with the Examiner, the Edamula system requires an optical reader or scanner 111 to produce special codes by scanning, for example, a cookbook. The scanner

18

system provides the special codes to the control system of the appliance, and the appliance then operates in accordance with the corresponding stored cooking programs. Systems that use such scanners are described in the Background section of the application on page 2.

In one embodiment of the Edamula system, the user may also specify a desired number of portions or a desired calorie value, and the system then presumably appropriately modifies the cooking program that was specified by the scanned code. However, the patent does not describe how the system modifies the stored program to correspond, for example, to the desired calorie value. Further, there is no operation that allows a user to control individually the non-basic functions of the appliance. The Edamula system, for example, does not provide any operation that allows the user to supply information that controls the configuration of heating elements, and so forth, either alone or in conjunction with a selected cooking program. Thus, a user of the Edamula system is essentially limited to "canned" cooking programs, while a user of the current system can readily customize the operations of the appliance. Further, the current system can do so without the complexity or expense of an included scanner.
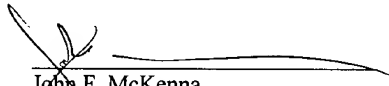
The Edamula reference does not anticipate, teach or suggest the current system because, *inter alia*, the reference does not show, teach or suggest a system that allows the user to control non-basic functions of the appliance. The Edamula reference thus does not anticipate, teach or suggest the invention as set forth in independent claims 44 and 54 and the claims that depend therefrom because, *inter alia*, Edamula does not anticipate, teach or suggest a system that allows a user to control the configuration of heating ele-

ments and/or the selection of one or more heating subsystems. Further, the Edamula reference does not anticipate, teach or suggest the invention as set forth in independent claims 52 and 54 and the claims that depend therefrom because, *inter alia*, Edamula does not anticipate, teach or suggest a system that allows a user to control other non-basic operations of the appliance, such as customizing washing operations by specifying the start time, duration, temperature and so forth for a washing operation or cycles thereof.

The claims, as amended, should now be in form for allowance. We request that the Examiner reconsider the rejections and issue a Notice of Allowance for all pending claims.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,

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